Title (en)

6-substituted-1,2,3,4-tetrahydro-9H-carbazoles and 7-substituted-10H-cyclohepta(7,6-B)indoles

Title (de)

6-Subsitituierte-1,2,3,4-tetrahydro-9H-Carbazole und 7-substituierte-1OH-Cyclohepta(7,6-B)-Indole

Title (fr)

1,2,3,4-Tétrahydro-9H-carbazoles, 6-substituées et 1OH-cyclohepta(7,6-B)-indoles, 7-substituées

Publication

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Application

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Priority

US 197095 P 19950623

Abstract (en)

[origin: EP0749962A1] The present invention provides novel agonists of the serotonin 5-HT1F receptor of formula I which are useful in a method of inhibiting neuronal protein extravasation without causing vasoconstriction. <CHEM> wherein: R<1> and R<2> are independently hydrogen, C1-C4 alkyl, or -CH2CH2-Aryl where Aryl is phenyl, phenyl monosubstituted with halo, or 1-(C1-C6 alkyl) pyrazol-4-yl; X is -OH, -NHC(O)R<3>, -NHC(Y)NHR<4>, -NHC(O)OR<5>, -C(O)R<6> or -NHSO2R<7>; R<3> is C1-C6 alkyl, C2-C6 alkenyl, C3-C8 cycloakyl, phenyl, substituted phenyl, naphthyl, (C1- C4 alkylene)phenyl, thienylmethyl, or a heterocycle; R<4> is C1-C6 alkyl, phenyl, or phenyl disubstituted with halo; R<5> is C1-C6 alkyl, C2-C6 alkenyl, benzyl or phenyl monosubstituted with halo; R<6> is C1-C6 alkyl, phenyl, or phenyl monosubstituted with halo or C1-C4 alkoxy; R<7> is dimethylamino, phenyl or phenyl monosubstituted with halo or C1-C4 alkyl; m is 0 or 1; n is 1 or 2; and Y is S or O; and parmaceutically acceptable salts and hydrates thereof, providing: X is not -OH when m is 0, n is 1, and R<1> and R<2> are independently hydrogen or C1-C6 alkyl; and R<3> is not C1-C6 alkyl when m is 0, n is 1, and R<1> and R<2> are independently hydrogen or C1-C6 alkyl.

IPC 1-7

C07D 209/88; A61K 31/40; C07D 409/12; C07D 405/12; C07D 403/12; C07D 209/94; C07D 401/12

IPC 8 full level

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CPC (source: EP)

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Cited by

AU2003264892B2; EP0882726A1; EP0950657A3; EP0952149A3; US7601856B2; US7868029B2; US6713473B1; WO9842344A1; WO9965911A1; WO2004026850A1; US7638542B2; US7189753B1; US7875750B2

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